

Claims

1. A method for performing surgery on a lip of a human, comprising the steps of:

making a first opening at a first location on the lip;

making a second opening at a second location on the lip;

inserting a tool into the first opening;

routing the tool through the lip to the second opening;

moving the a leading end of the tool at least partially out of the second opening;

attaching the leading end of the tool to an implant;

pulling the leading end of the tool and the implant back into the lip towards the first opening;

separating the implant from the leading end of the tool, with the implant positioned within the lip; and

withdrawing the leading end of the tool out of the first opening.

2. The method of claim 1 further comprising the step trimming the ends of the implant.

3. The method of claim 1 wherein the leading end of the tool includes a clamp jaw, and the leading end of the tool is attached to the implant by closing the clamp jaw onto an end of the implant.

4. The method of claim 3 wherein the implant is separated from the leading end of the tool by at least partially opening the clamp jaw.

5. The method of claim 3 further comprising the step of locking the clamp jaw closed onto the implant.

6. The method of claim 1 wherein the first opening and the second opening are made by puncturing the lip.

7. The method of claim 1 further comprising the step of pre-marking the first and second openings.

8. The method of claim 1 wherein the lip is the upper lip of a human patient.

9. The method of claim 1 wherein the first opening is 3-10 mm inward from the corner of the mouth, on the mucosal part of the lip.

10. The method of claim 7 wherein the first opening is 1-4 mm below the vermillion border of the lip.

11. The method of claim 1 wherein the routing step forms a tunnel path through the lip from the first opening to the second opening.

12. The method of claim 1 further comprising the step of infiltrating an anesthetic solution into at least one of the first and second openings.

13. The method of claim 1 wherein the routing step is performed by guiding the leading end of the tool to follow the vermilion border.

14. A tool for surgically inserting an implant into a lip of a human, comprising:

5 a handle;
an elongate body having a first end and a second end, with the first end attached to the handle;
a clamp jaw on the second end of the elongate body;
a clamp jaw operating element on the handle and linked to the clamp jaw,
10 for opening and closing the clamp jaw.

15. The tool of claim 14 with the elongate body having a diameter of 1-6 mm.

16. The tool of claim 14 further comprising a jaw lock linked to the clamp jaw, for holding the clamp jaw in a closed position while the jaw lock is actuated.

15 17. The tool of claim 14 further comprising a lip implant attachable to the tool via the clamp jaw clamping onto the lip implant.

18. The tool of claim 14 with the clamp jaws each having a blunt end nose tapering outwardly to a diameter equal to or greater than the diameter of the elongate body.

19. The tool of claim 18 with the blunt end nose having a diameter of 1-6 mm.

20. A method for treating skin depressions comprising the steps of:
- making an incision adjacent to a first end of the skin depression;
- inserting a tool into the incision;
- creating a pocket under the skin depression via manipulation of the tool;
- 5 withdrawing the tool from the incision;
- securing an insert onto the tool;
- moving the tool and the insert through the incision and positioning the insert in the pocket; and
- withdrawing the tool from the incision.

10 21. The method of claim 20 wherein the tool includes jaws and wherein the pocket is created by opening and closing the jaws while the jaws are under the skin depression.

15 22. The method of claim 21 wherein the insert is secured onto the tool by clamping at least part of the insert between the jaws.

23. The method of claim 20 further comprising the step of injecting an anesthetic solution subcutaneously by placing a blunt infiltrating needle into the incision.

20 24. The method of claim 20 wherein the incision is made at an angle to the skin surface ranging from 30-60 degrees.

25. A method for treating nasal labial folds, comprising the steps of:
- making a first incision adjacent to a first end of the nasal labial fold;
- making a second incision adjacent to a second end of the nasal labial fold;
- inserting a tool through the nasal labial fold by inserting a leading end of the tool into the
- 5 first incision and routing it to and out of the second incision;
- attaching an implant to the leading end of the tool;
- pulling the tool and part of the implant back out of the first incision;
- releasing the tool from the implant.
26. The method of claim 25 further comprising the step of trimming the ends of the implant.
27. The method of claim 25 wherein the leading end of the tool includes jaws and the
- 10 wherein the implant is attached to the tool by clamping a part of the implant between the jaws.
28. The method of claim 27 wherein the jaws have a blunt front end and the routing step
- 15 creates a tunnel via movement of the blunt front end from the first incision to the second incision.
29. The tool of claim 14 wherein the blunt end nose of each clamp jaw has a radius of from
- 20 1-6mm.
30. The tool of claim 14 with the clamp jaw having an upper and a lower jaw, and further
- comprising an ejector for pushing an insert out from between the upper and lower jaw.